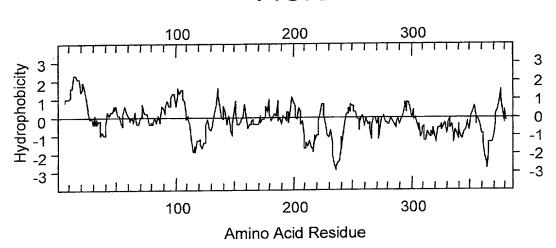
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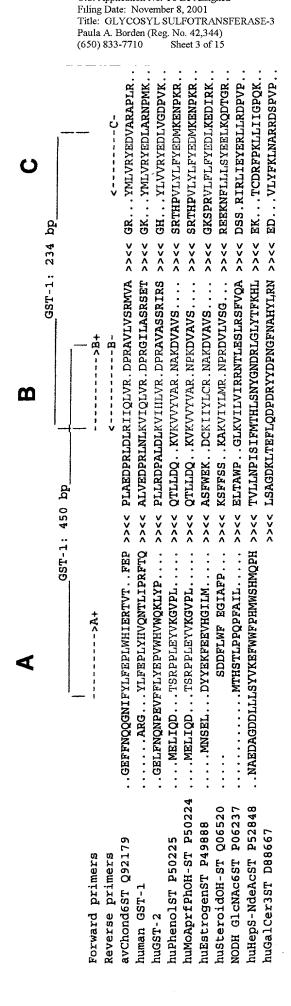
FIG. 1

ggetcgaggecaggatgeetecagtetgggggaaaatgetteeteatttgetteteecageecaceteaageagteteee cacecettgagteteageagtgttaaagetgttaettteacagetteetgggagegagtgettteteaageeegtettge	80 160
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	240
GGCTCTATTCTTCCACATGTACAGCCACAACATCAGCTCCCTGTCTATGAAGGCACAGCCCGAGCGCATGCACGTGCTGG A L F F H M Y S H N I S S L S M K A Q P E R M H V L V	320
TTCTGTCTTCCTGGCGCTCTTGCTTTTTTGTGGGCAGCATCTTTTTGGGCAGCACCCAGATGTTTTCTACCTGATGGAG L S S W R S G S S F V G Q L F G Q H P D V F Y L M E	400
CCCGCCTGGCACGTGTGGATGACCTTCAAGCAGAGCACCGCCTGGATGCTGCACATGGCTGTGCGGGATCTGATACGGGCP, A W H V W M T F K Q S T A W M L H M A V R D L I R A	480
CGTCTTCTTGTGCGACATGAGCGTCTTTGATGCCTACATGGAACCTGGTCCCCGGAGACAGTCCAGCCTCTTTCAGTGGG V F L C D M S V F D A Y M E P G P R R Q S S L F Q W E \cdot	560
AGAACAGCCGGGCCCTGTGTTCTGCACCTGCCTGTGACATCATCCCACAAGATGAAATCATCCCCCGGGCTCACTGCAGG N S R A L C S A P A C D I I P Q D E I I P R A H C R	640
CTCCTGTGCAGTCAACAGCCCTTTGAGGTGGTGGAGAAGGCCTGCCGCTCCTACAGCCACGTGGTGCTCAAGGAGGTGCG L L C S Q Q P F E V V E K A C R S Y S H V V L K E V R	720
CTTCTTCAACCTGCAGTCCCTCTACCCGCTGCTGAAAGACCCCTCCCT	800
CCCGGGCCGTGTTCCCGAGAACGCACAAAGGGAGATCTCATGATTGACAGTCGCATTGTGATGGGGCAGCATGAG R A V F R S R E R T K G D L M I D S R I V M G Q H E	880
CAGAAACTCAAGAAGGAGGACCAACCCTACTATGTGATGCAGGTCATCTGCCAAAGCCAGCTGGAGATCTACAAGACCAT Q K L K K E D Q P Y Y V M Q V I C Q S Q L E I Y K T I	960
CCAGTCCTTGCCCAAGGCCCTGCAGGAACGCTACCTGCTTGTGCGCTATGAGGACCTGGCTCGAGCCCCTGTGGCCCAGA: QSLPKALQERYLLVRYEDLARAPVAQT	1040
CTTCCCGAATGTATGAATTCGTGGGATTGGAATTCTTGCCCCATCTTCAGACCTGGGTGCATAACATCACCCGAGGCAAG : S R M Y E F V G L E F L P H L Q T W V H N I T R G K	1120
GGCATGGGTGACCACGCTTTCCACACAAATGCCAGGGATGCCCTTAATGTCTCCCAGGCTTGGCGCTGGTCTTTGCCCTA	L200
TGAAAAGGTTTCTCGACTTCAGAAAGCCTGTGGCGATGCCATGAATTTGCTGGGCTACCGCCACGTCAGATCTGAACAAG : E K V S R L Q K A C G D A M N L L G Y R H V R S E Q E	L280
AACAGAGAAACCTGTTGCTGGATCTTCTGTCTACCTGGACTGTCCCTGAGCAAATCCACTAAgagggttgagaaggcttt ${}^\circ$ Q R N L L L D L L S T W T V P E Q I H *	1360
gctgccactggtgtcagcctcagtcactttctctgaatgcttctgagccttgcctacatctctgagccttaactacatg tctgtgggtatcacactgagtgtgagttgtgtccacacgtgctcaagcagaaggacttttgtgtccatgcttgtgtctag aaacagactggggaaccttatgtgagcagcacatcccaccagtgaaacaggtattgctcttcttcttttcttgatctt cctgtctgggcagacttcagagactttgtgggctggaggcctattaagcacgacacagtatcagtggaattgatccataa acctccctgtccacatcttgcccaatggggaatggatcttcaccaaagagctcaccagcattttcaccaagagatgcaaa tctgagcccttggagttcccagtggattcaaaggaaggaa	1600 1680 1760 1840 1920

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FIG. 2



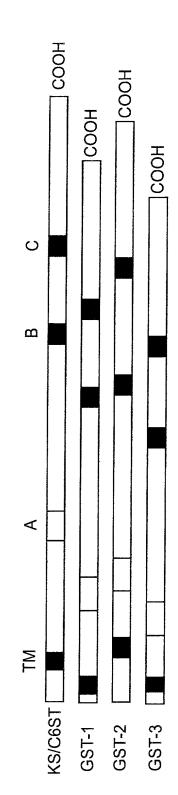


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FIG.

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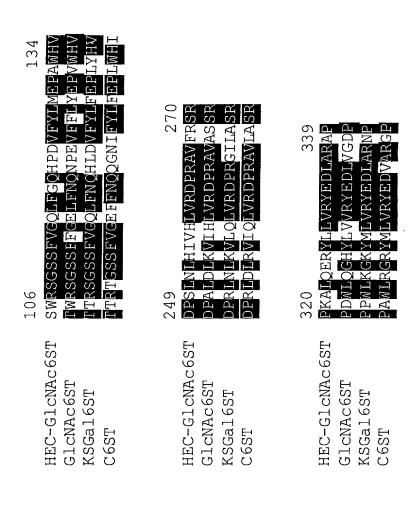
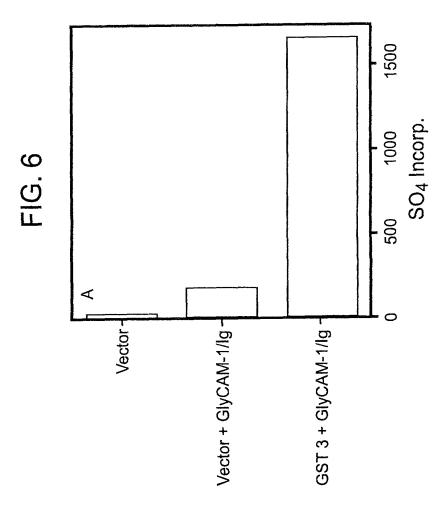


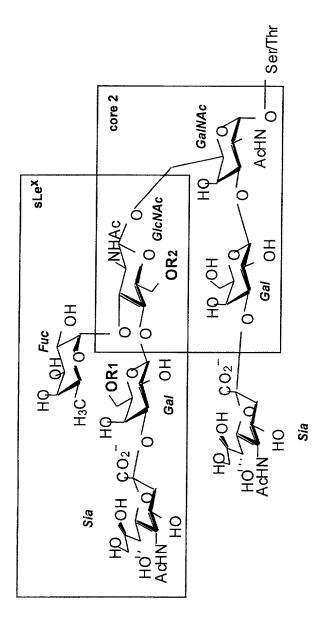
FIG. 5

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6-sulfo sLe^X R1 = H, R2 = SO3-

6'-sulfo sLeX $R1 = SO_3$, R2 = H

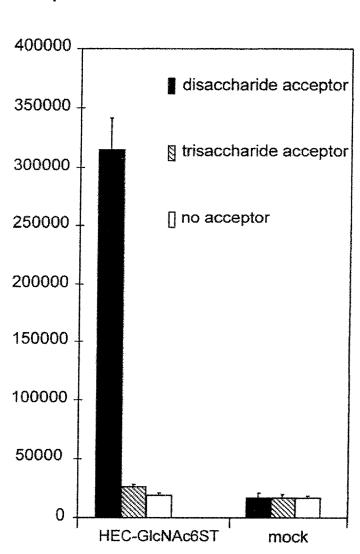
6',6-disulfo sLeX = R2 = SO3"

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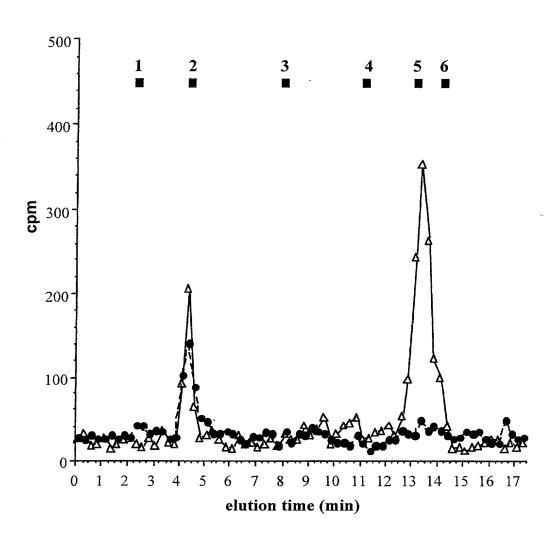
FIG. 8





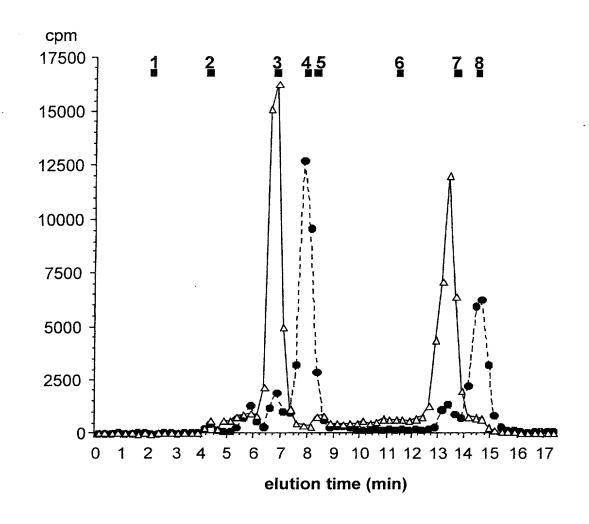
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FIG. 9

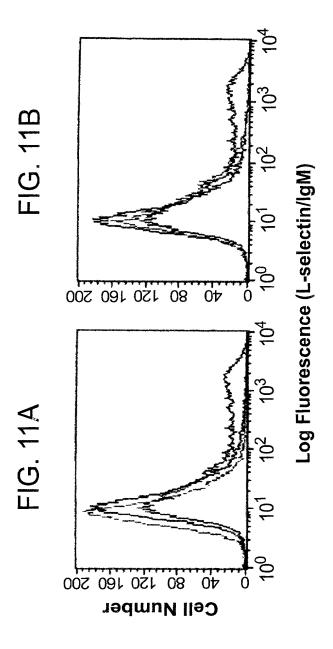


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FIG. 10

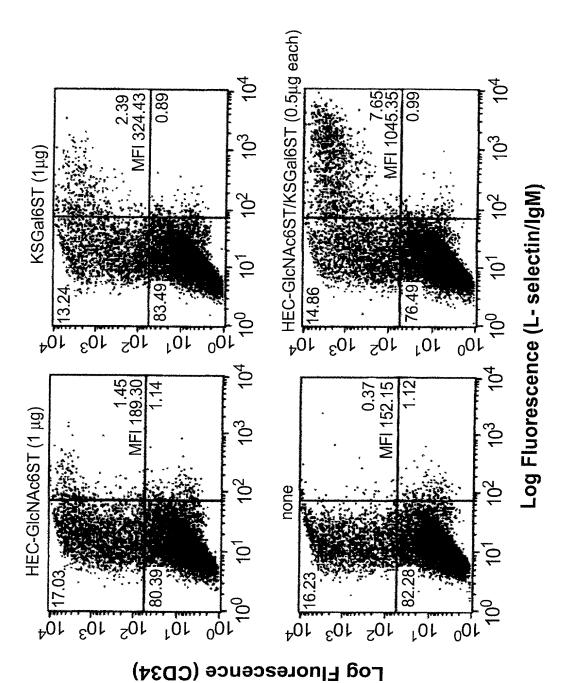


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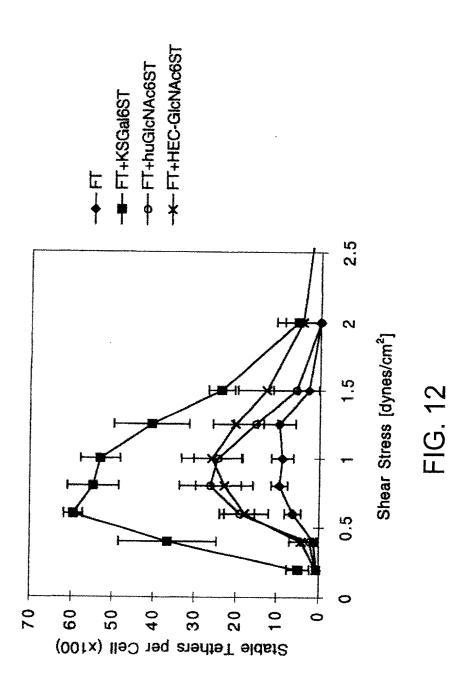


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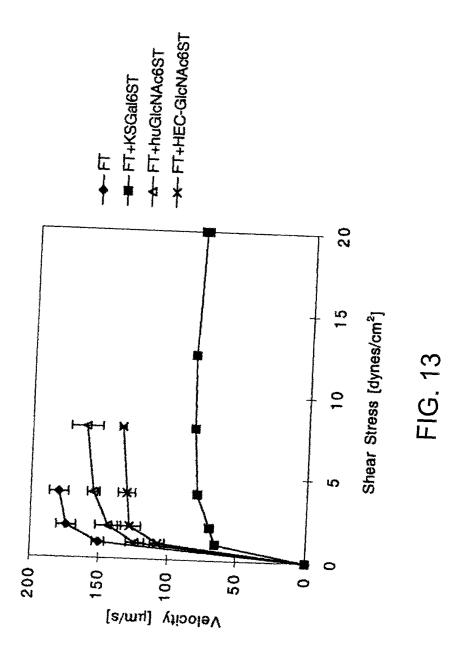
FIG. 11C



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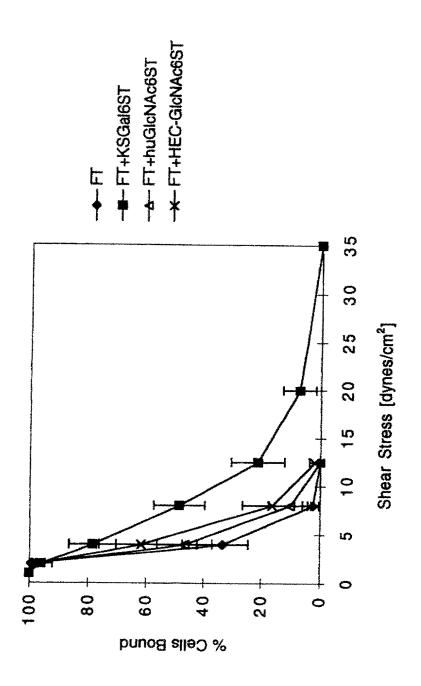


FIG. 12